

WHAT IS CLAIMED IS:

1. In a transmitting and receiving system including

the transmission side which, of an information  
5 transmitting function and an information receiving  
function, has at least the former,

the reception side which, of the information  
transmitting function and receiving function, has at  
least the latter, and

10 at least a display function of displaying the  
information transmitted from said transmission side to  
the reception side,

an information reproducing method comprising:

the step of causing said transmission side to  
15 transmit transmission time information together with  
the information to be transmitted, and

the step of, when displaying said received  
information at a later time shifted from the time when  
the information was received,

20 causing said reception side to manage at least the  
length of the time shift time making use of said  
transmission time information received in a temporally  
shifted manner and judge whether said received  
information is displayed in a time-shifted manner.

25 2. The information reproducing method according  
to claim 1, further comprising the step of giving a  
warning in sound or in pictures making use of said

display function, when the length of said time shift time is shorter than the length of the time set on said reception side.

3. The information reproducing method according to claim 1, further comprising the step of calculating charges according to the length of said time shift time.

4. An information providing business method comprising:

the step of, when transferring at least display information, causing the transmission side to transfer information about the delivery time when the information was delivered, together with said display information; and

the step of causing the reception side to receive said delivery time information and using the delivery time information as an element for calculating at least charges.

5. The information providing business method according to claim 4, further comprising the step of, when said reception side has the function of displaying said display information received from said transmission side, at a later time shifted from the time when the display information was received, causing said reception side to use said delivery information as an element for calculating the length of time shift time.

6. An information reproducing method of receiving

the encrypted content sent from the transmission side and information about the transmission time of the encrypted content and reproducing them, said information reproducing method comprising:

5           step A of decrypting said encrypted content;

          step B of outputting the decrypted content on a display section;

          step C of, when a temporary interrupt instruction is given, stopping said decryption and display and  
10           causing a temporary storage section to store said encrypted content and transmission time information received;

          step D of measuring the length of time since said temporary storage section started to store said  
15           encrypted content and said transmission time information;

          step E of, when said temporary interrupt instruction is canceled, determining the length of the time difference between newly received transmission  
20           time information and the oldest transmission information stored in said temporary storage section;

          step F of determining the difference between the length of time measured at said step D and the length of the time difference determined at said step E and  
25           judging whether the difference is within a specific value;

          step G of, when said difference determined at said

step F is within the specific value, decrypting the encrypted content stored in said temporary storage section; and

5        step H of, when said difference determined at said step F has exceeded the specific value, outputting a warning signal.

10        7. The information reproducing method according to claim 6, wherein said step G includes step G1 of calculating charging information according to said difference.

8. The information reproducing method according to claim 6, wherein said step G includes step G1 of calculating charging information according to said specific value.

15        9. The information reproducing method according to claim 7 or 8, further comprising step I of transmitting said charging information to said transmission side.

20        10. The information reproducing method according to claim 7 or 8, wherein said step G1 includes step G2 of subtracting the value of said charging information from the value of the balance information read from a user-owned card to find the remainder and writing information about the new balance into said user-owned  
25        card.

11. The information reproducing method according to claim 6, further comprising step I of inputting said

specific value to a maximum time shift time setting section.

12. The information reproducing method according to claim 11, wherein said step I is to input said  
5 specific value to said maximum time shift time setting section in response to the user's operation.

13. The information reproducing method according to claim 11, wherein said step I is to input said  
10 specific value sent from said transmission side to said maximum time shift time setting section.

14. An information providing business method of causing said reception said to receive said charging information obtained and transmitted in the information reproducing method according to claim 7 or 8.

15. An information providing business method of transmitting said encrypted content and said  
transmission time information related to claim 6 to said reception side.

16. An information providing business method of  
20 transmitting said specific value related to claim 11.